SUBMISSION ID: 587610

FACILITY: Dovetail Energy LLC - Anaerobic

LOCATION: Digestion Facility
1146 Herr Rd

Fairborn, OH 45324

COUNTY: Greene
DISTRICT: SWDO

STATUS: Original

PERMIT NUMBER: 1IN00305*AD

STATION CODE: 581 MONITORING PERIOD :

2016-05-01 To: 2016-05-31

REPORTING LAB: Masi Environmental

ANALYST: M. Mey

NO DISCHARGE INDICATOR:

				O DISCHARGE IN			
PARAMETER	Biochemical Oxygen Demand, 5 Day	рН	Oil and Grease, Hexane Extr Method	Ammonia (NH3) In Sludge	Nitrogen Kjeldahl, Total In Sludge	Phosphorus, Total In Sludge	Potassium In Sludge
PARAMETER CODE	00310	00400	00552	00611	00627	00668	00938
UNITS	mg/l	S.U.	mg/l	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING		C		C			
TYPE	Composite	Composite	Composite	Composite	Composite	Composite	Composite
2016-05-01							
2016-05-02							
2016-05-03							
2016-05-04							
2016-05-05							
2016-05-06							
2016-05-07							
2016-05-08							-
2016-05-09			_				-
2016-05-10	0000	3 3 4	350	60700	75500	45000	11000
2016-05-11	8900	7.76	350	60100	75500	45000	11000
2016-05-12 2016-05-13							_
2016-05-13							
2016-05-14							_
2016-05-16							
2016-05-17							
2016-05-18	***************************************				***************************************	***************************************	
2016-05-19							
2016-05-20		***************************************					
2016-05-21							
2016-05-22					***************************************	B	
2016-05-23							
2016-05-24							
2016-05-25							
2016-05-26							
2016-05-27							
2016-05-28							
2016-05-29							
2016-05-30							
2016-05-31		188000088880008888000888800888800888					
Minimum	8900.0	7.76	350.0	60100.0	75500.0	45000.0	11000.0
Maximum	8900.0	7.76	350.0	60100.0	75500.0	45000.0	11000.0
Average	8900	***************************************	350	60100	75500	45000	11000
Count	1	1	1	1	1	1	1
Name of Resp Official or Aut	:horized have pe	y under the per ersonally exam	nalty of law that ined and am		f Responsible ized Represent		Submission Date/Time
Representa	ative familia:	r with the info	rmation				
		ed herein and					
		of those indiv					
			ble for obtainin	g 🛮			Certification
		ormation, I beli					Version Date
Bruco P	ailov submitt	ed information	is true, accura	te 🛮			
DIUCE D	ailey and cor	nplete. I am aw	vare that there				2016-06-
			es for submittin	ng 🛮			20 14:06
		formation, incl					
	possibi	nty of fine and	imprisonment.	000000000000000000000000000000000000000	000000000000000000000000000000000000000		000000000000000000000000000000000000000

SUBMISSION ID: 587610

Dovetail Energy LLC - Anaerobic

FACILITY: Digestion Facility
LOCATION: 1146 Herr Rd

Fairborn, OH 45324

COUNTY: Greene
DISTRICT: SWDO

Croops

STATUS: Original

PERMIT NUMBER: 1IN00305*AD

STATION CODE: 58.
MONITORING PERIOD:

| 2016-05-01 To: 2016-05-31 | REPORTING LAB: | Masi Environmental

ANALYST: M. Mey

NO DISCHARGE INDICATOR:

PARAMETER	Arsenic, Total In Sludge	Cadmium, Total In Sludge	Copper, Total In Sludge	Lead, Total In Sludge	Nickel, Total In Sludge	Zinc, Total In Sludge	Selenium, Total In Sludge
PARAMETER CODE	01003	01028	01043	01052	01068	01093	01148
UNITS	mg/kg						
FREQUENCY	1/Month						
SAMPLING							
TYPE	Composite						
2016-05-01	000000000000000000000000000000000000000	000000000000000000000000000000000000000	500001000000000000000000000000000000000	***************************************	0.5000000000000000000000000000000000000	000000000000000000000000000000000000000	
2016-05-02							
2016-05-03							
2016-05-04							
2016-05-05							
2016-05-06							
2016-05-07							
2016-05-08							
2016-05-09		***********************************	***************************************			***************************************	
2016-05-10							
2016-05-11	13	2	455	7	18	832	7
2016-05-12							
2016-05-13							
2016-05-14	***************************************	***************************************	***************************************	***************************************			
2016-05-15							
2016-05-16				***************************************			
2016-05-17							
2016-05-18		***************************************		***************************************			
2016-05-19				***************************************			
2016-05-20							
2016-05-21							
2016-05-22							
2016-05-23				***************************************			
2016-05-24							
2016-05-25							
2016-05-26				***************************************			
2016-05-27							_
2016-05-28							
2016-05-29							_
2016-05-30				***************************************			
2016-05-31							
Minimum	13.0	2.0	455.0	7.0	18.0	832.0	7.0
Maximum	13.0	2.0	455.0	7.0	18.0	832.0	7.0
Average	13	2	455	7	18	832	7
Count	1	1	1	1	1	1	1
Name of Resp	onsible I certif	y under the per	alty of law that	I Signature of	of Responsible (Submission
Official or Aut	horized have p	ersonally exami	ned and am	Author	ized Represent	ative	Date/Time
Representa	St critities	r with the infor					
000000000000000000000000000000000000000		ted herein and l		000000000000000000000000000000000000000	000000000000000000000000000000000000000		200000000000000000000000000000000000000
		y of those indivi					
	immed	nately responsil	ole for obtaining	,			Certification
		ormation, I beli					Version Date
Bruco P	ailov/submit	ted information	is true, accurat	e			
I DI UCE D	and co	mplete. I am aw	are that there	1			2016-06-
			es for submitting	g			20 14:06
		nformation, incl					
8	i possib	<u>ility of fine and</u>	<u>imprisonment.</u>		000000000000000000000000000000000000000		

SUBMISSION ID: 587610

Dovetail Energy LLC - Anaerobic

FACILITY: Digestion Facility
LOCATION: 1146 Herr Rd

Fairborn, OH 45324

COUNTY: Greene
DISTRICT: SWDO

STATUS:

PERMIT NUMBER: 1IN00305*AD

STATION CODE: 56
MONITORING PERIOD:

2016-05-01 To: 2016-05-31

Original

REPORTING LAB: Masi Environmental

ANALYST: M. Mey

NO DISCHARGE INDICATOR:

PARAMETER	Fecal Coliform in Sludge	Sludge Fee Weight	Sludge Weight	Sludge Solids, Percent Total	Mercury, Total In Sludge	Molybdenum Sludge	In
PARAMETER CODE	31641	51129	70316	70318	71921	78465	
UNITS	MPN/G	dry tons	Dry Tons	%	mg/kg	mg/kg	
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	
SAMPLING TYPE	Composite	Total	Total	Composite	Composite	Composite	
2016-05-01							
2016-05-02			1				
2016-05-03			1			I	
2016-05-04						1	
2016-05-05		***************************************					
2016-05-06							
2016-05-07		***************************************					
2016-05-08			<u> </u>		***************************************	†	
2016-05-09							
2016-05-10	***************************************	***************************************		***************************************	***************************************	1	
2016-05-11	141186	783	783	6.24	AA 0.10	11	
2016-05-12							
2016-05-13							
2016-05-14						1	
2016-05-15				***************************************	***************************************		
2016-05-16							
2016-05-17							
2016-05-18							
2016-05-19							
2016-05-20							
2016-05-21							
2016-05-22							
2016-05-23							
2016-05-24							
2016-05-25							
2016-05-26							
2016-05-27							
2016-05-28							
2016-05-29							
2016-05-30							
2016-05-31							
Minimum	141186.0	783.0	783.0	6.24	0.0	11.0	
Maximum	141186.0	783.0	783.0	6.24	0.0	11.0	
Average	141186	783	783	6.24	0	11	
Count	1	1	1	1	1	1	
Name of Resp Official or Aut Representa	horized have pe	y under the pe ersonally exan r with the info	nalty of law that nined and am rmation		f Responsible ized Represent		Submission Date/Time
Bruce B	submitt inquiry immedi the info submitt and cor are sign false in	ted herein and of those indivately responsionation, I belted information applete. I am avaificant penalt formation, inc	based on my riduals ible for obtaining ieve the n is true, accurate ware that there ies for submittin	ce			Certification Version Date 2016-06- 20 14:06

SUBMISSION ID: 587610

Dovetail Energy LLC - Anaerobic

LOCATION:

FACILITY:

Digestion Facility 1146 Herr Rd

Fairborn, OH 45324

COUNTY: DISTRICT: Greene SWDO STATUS:

Original

PERMIT NUMBER: 1IN00305*AD

STATION CODE: 584

MONITORING PERIOD:

2016-05-01 To: 2016-05-31

REPORTING LAB:

ANALYST:

NO DISCHARGE INDICATOR: AL

PARAMETER	Biochemical Oxygen Demand, 5 Day	рН	Oil and Grease, Hexane Extr Method	Ammonia (NH3) In Sludge	Nitrogen Kjeldahl, Total In Sludge	Phosphorus Total in Sludg	
PARAMETER CODE	00310	00400	00552	00611	00627	00668	00938
UNITS	mg/l	S.U.	mg/l	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING TYPE	Composite	Composite	Composite	Composite	Composite	Composite	Composite
2016-05-01							
2016-05-02							
2016-05-03							
2016-05-04		***************************************		***************************************			
2016-05-05				***************************************			
2016-05-06							
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2016-05-08							
2016-05-09		***************************************	-				
2016-05-10							_
2016-05-11			-				
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2016-05-13							
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2016-05-17			-				
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2016-05-20							-
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2016-05-22							
2016-05-23							
2016-05-24	***************************************	***************************************			***************************************		
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2016-05-28							
2016-05-29	***************************************	***************************************	***************************************	***************************************	***************************************		
2016-05-30							
2016-05-31			Ī			1	
Minimum							
Maximum		000000000000000000000000000000000000000					
Average		***************************************					
Count	000000000000000000000000000000000000000	000000000000000000000000000000000000000	·		***************************************		
Name of Resp	horized _{have p} ative _{familia}	y under the pe ersonally exam r with the info ted herein and	rmation	I Signature o Authori	f Responsible ized Represent		Submission Date/Time
Bruce B	inquiry immed the info submit and con are sig false in	of those indivitely responsible promation, I belted information mplete. I am avaificant penaltiformation, inc	riduals lible for obtaining lieve the n is true, accurat ware that there lies for submittin	e			Certification Version Date 2016-06- 20 14:06

SUBMISSION ID: 587610

Dovetail Energy LLC - Anaerobic

FACILITY: Digestion Facility LOCATION: 1146 Herr Rd

Fairborn, OH 45324

COUNTY: Greene DISTRICT: **SWDO**

STATUS: Original

PERMIT NUMBER: 1IN00305*AD

STATION CODE: 584

MONITORING PERIOD: 2016-05-01 To: 2016-05-31

REPORTING LAB:

ANALYST:

NO DISCHARGE INDICATOR: AL

PARAMETER	Arsenic, Total In Sludge	Cadmium, Total In Sludge	Copper, Total In Sludge	Lead, Total In Sludge	Nickel, Total In Sludge	Zinc, Total Sludge	n Selenium, Total In Sludge
PARAMETER CODE	01003	01028	01043	01052	01068	01093	01148
UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING							
TYPE	Composite	Composite	Composite	Composite	Composite	Composite	Composite
2016-05-01	200000000000000000000000000000000000000						
2016-05-02							
2016-05-03							
2016-05-04							
2016-05-05							
2016-05-06							
2016-05-07							
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2016-05-15							
2016-05-16	***************************************						
2016-05-17							
2016-05-18	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	***************************************		***************************************			
2016-05-19							
2016-05-20	***************************************			***************************************			
2016-05-21							
2016-05-22							
2016-05-23	***************************************	***************************************		***************************************			
2016-05-24							
2016-05-25			<u> </u>				
2016-05-26							
2016-05-27							
2016-05-28			 				
2016-05-29			 				
2016-05-30			<u> </u>				
2016-05-31							
Minimum	200000000000000000000000000000000000000	000000000000000000000000000000000000000		***************************************	000000000000000000000000000000000000000		
Maximum				***************************************			
Average							
Count							
Name of Responsible I certify under the penalty of law that I Official or Authorized have personally examined and am familiar with the information submitted herein and based on my		Signature of Author	of Responsible (ized Represent	Official or ative	Submission Date/Time		
Bruce B	inquiry immed the inf submit and co are sig false in	y of those indivitately responsiormation, I belited information mplete. I am awnificant penaltinformation, incl	iduals ble for obtaining eve the is true, accurate vare that there es for submitting	j			Certification Version Date 2016-06- 20 14:06

SUBMISSION ID: 587610

Dovetail Energy LLC - Anaerobic FACILITY:

Digestion Facility LOCATION: 1146 Herr Rd

Fairborn, OH 45324

COUNTY: Greene DISTRICT: **SWDO**

STATUS: Original

PERMIT NUMBER: 1IN00305*AD

STATION CODE: 584

MONITORING PERIOD: 2016-05-01 To: 2016-05-31

REPORTING LAB:

ANALYST:

NO DISCHARGE INDICATOR: ΑL

	000000000000000000000000000000000000000			O DISCHARGE II	000000000000000000000000000000000000000	AL	200000000000000000000000000000000000000	000000000000000000000000000000000000000
PARAMETER	Fecal Coliform in Sludge	Sludge Fee Weight	Sludge Weight	Mercury, Total In Sludge	Molybdenum In Sludge			
PARAMETER CODE	31641	51129	70316	71921	78465			
UNITS	MPN/G	dry tons	Dry Tons	mg/kg	mg/kg			
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month			
SAMPLING		7.4.1	*					
TYPE	Multiple Grab	Total	Total	Composite	Composite			
2016-05-01								
2016-05-02								******************************
2016-05-03								
2016-05-04		***************************************						
2016-05-05								
2016-05-06								
2016-05-07 2016-05-08		***************************************	-			***************************************		***************************************
2016-05-08								
2016-05-10			1			***************************************		***************************************
2016-05-11		***************************************						
2016-05-12								***************************************
2016-05-13								
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2016-05-19								
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2016-05-22								
2016-05-24	***************************************	***************************************	-			***************************************		***************************************
2016-05-25								
2016-05-26		••••••	-					
2016-05-27								
2016-05-28		***************************************						***************************************
2016-05-29								
2016-05-30								
2016-05-31								
Minimum		000000000000000000000000000000000000000				000000000000000000000000000000000000000		***************************************
Maximum		***************************************						***************************************
Average		000000000000000000000000000000000000000						
Count								
Name of Resp	onsible I certif	y under the pe	nalty of law that	I Signature o	f Responsible (mission
Official or Aut Representa	horized have po	ersonally exan	nined and am	Autnor	ized Represent	ative	Dat	e/Time
represent	gramma	r with the info						
***************************************		ted herein and			100000000000000000000000000000000000000		900000000000000000000000000000000000000	***************************************
		of those individual	nduais ible for obtaining	,				
		ormation, I bel		3				fication
	eu hmiti	tod information	a ic truo accurat	e			Versi	on Date
Bruce B	ailey and con	nplete. I am av	ware that there				20	16-06-
	are sig	nificant penalt	ies for submittin	g			20	14.00
	false in	formation, inc	luding the	_			20	14:06
			<u>l imprisonment.</u>					

FACILITY:Dovetail Energy LLC - Anaerobic Digestion Facility

LOCATION: 1146 Herr Rd

PERMIT NUMBER: MONITORING PERIOD : 1IN00305*AD

2016-05-01 To: 2016-05-31

Fairborn, OH 45324

PARAMETER COMMENTS:

Station Code	Parameter Name	Parameter Code	Date	Unit	Comment
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